

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049139 A1

(51) International Patent Classification⁷: **A61N 5/10**

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/EP2004/012415

(22) International Filing Date:
3 November 2004 (03.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03025416.3 5 November 2003 (05.11.2003) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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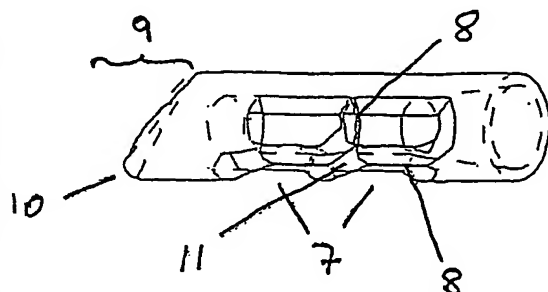
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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

- with international search report

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(54) Title: **RADIOACTIVE RADIATION SOURCE FOR OPHTHALMIC BRACHYTHERAPY**



element at least partially to substantially attenuate any radiation emitted in the direction of said shielding section. Preferably the shielding section covers the element to about 30-90 %, preferably 40-70 % and more preferably 50-60 %.

(57) Abstract: The radioactive radiation source of the invention is suitable for brachytherapy and especially for ocular or ophthalmic brachytherapy such as in the treatment of macula degeneration, preferably age related macula degeneration (AMD). The radiation source of the invention comprises a radiation source for brachytherapy having an elongated radiation emitting element (1) within an elongated means for containment (2) preferably arranged such that the longitudinal axis of the radiation emitting element and the longitudinal axis of said means for containment are aligned. Said means for containment comprises a shielding section (3) and a radiation transition section (4). Said shielding section (3) covers said radiation emitting